Sensor Product Guide

Smart Sensing Control Solutions

Service and Support During Every Step of the Process.

Only Leviton has the service and support to help you create a lighting control system that does exactly what you want it to do while saving electricity, meeting codes and standards, and even garnering rebates.

Exclusive SUPPORT Resources:

• **Occupancy sensor layout services** – have a team of experts create occupancy sensor layouts at no cost to you directly on your CAD drawings, complete with a List of Equipment within an average turnaround time of 3 business days*— go to **portal.leviton.com**

• **Dollars & Sensors™** – get an accurate estimate of your energy-savings potential with this exclusive payback analysis tool— go to **www.dollarsandsensors.co**m

• **ez-Learn** – get sensor smart in just 90 minutes from the comfort of your home or office with this exclusive 24/7 online training — go to **www.leviton.com/ezlearn**

• **Lighting control specialists** at your disposal

• **Field service engineers** for top-level support

• **Factory commissioning service**

• **Dedicated technical support** via phone at **800 959-6004**

* Average turnaround time based on projects for up to 200 sensors per system.

WIRELESS SELF-POWERED SENSORS

LevNet RF 902 MHz Wireless Self-Powered Sensors are part of LevNet RF's complete line of self-powered solutions. The occupancy sensors have built-in solar cells that draw on available ambient light within a space to power themselves and can operate for up to 72 hours in total darkness. The self-powered sensor design also overcomes the placement and coverage challenges of traditional sensors. Self-powered sensors enable flexible placement, allowing sensors to be mounted wherever needed without the complexity of moving or installing new wiring.

COMMERCIAL GRADE

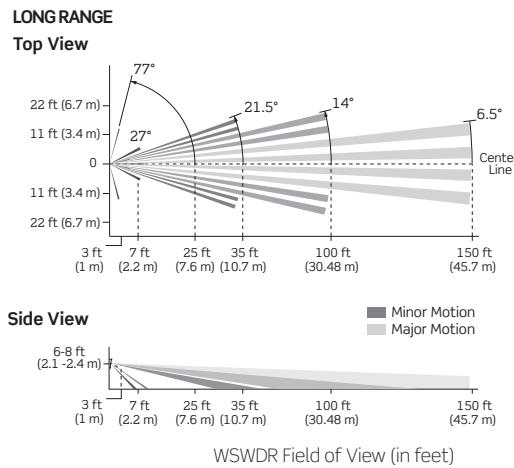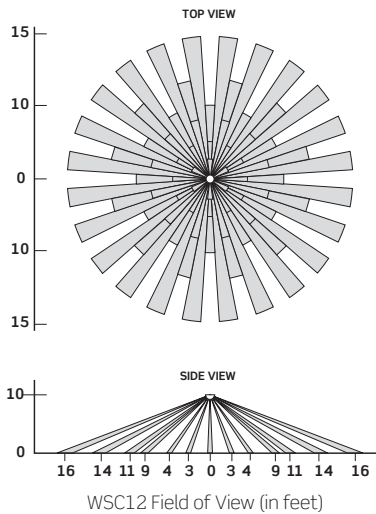| Energy Harvesting Wireless Solutions			
Description	Cat. No.	Coverage	Color
LevNet RF™ 902 MHz Low Profile Self-Powered **PIR** Ceiling Mount Occupancy Sensor	WSC12-M9N	360°, 1200SF (111.48SM)	W
LevNet RF™ 902 MHz Self-Powered **PIR** Wall Mount Occupancy Sensor	WSWDR-H9W	180°, 1600*SF (148.64SM)	

*Multiple lenses included, see data sheet for more coverage information
Requires a LevNet RF load receiver device to operate

LED READY

WSC12

WSWDR

TOP VIEW

SIDE VIEW

WSC12 Field of View (in feet)

LONG RANGE
Top View

77°
22 ft (6.7 m)
11 ft (3.4 m)
27°
0
21.5°
14°
6.5°
Center Line
11 ft (3.4 m)
22 ft (6.7 m)
3 ft (1 m) | 7 ft (2.2 m) | 25 ft (7.6 m) | 35 ft (10.7 m) | 100 ft (30.48 m) | 150 ft (45.7 m)

Side View

Minor Motion
Major Motion

6-8 ft (2.1 -2.4 m)
3 ft (1 m) | 7 ft (2.2 m) | 25 ft (7.6 m) | 35 ft (10.7 m) | 100 ft (30.48 m) | 150 ft (45.7 m)

WSWDR Field of View (in feet)

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
See product data sheets for specific listings.

Sensing Control | Self-Powered Wireless

Decora® Residential Grade Wall Switch Infrared Occupancy and Vacancy Sensors

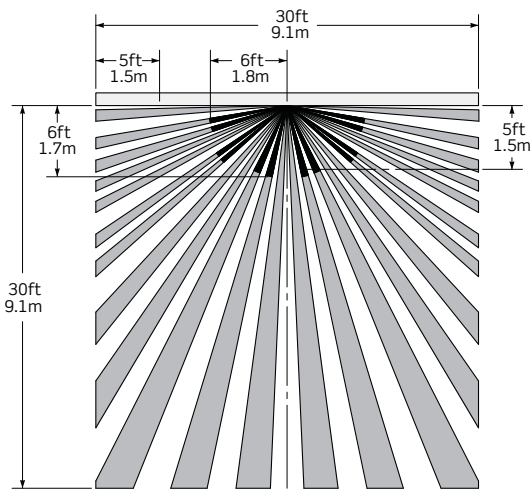| Description	Cat. No.	Color	Rating
Decora Wall Switch **PIR** Occupancy Sensor, Single-Pole, 180° Field of View, 900SF (83.61SM) coverage	IPS02-1L	W, I, T	300W Incand/FL Ballast 150W LED/CFL, 1/6 HP Motor
Decora Wall Switch **PIR** Vacancy Sensor, Single-Pole, 180° Field of View, 900SF (83.61SM) coverage	IPV02-1L	W,T	
Decora Wall Switch **PIR** Occupancy Sensor, Single-Pole, 180° Field of View, 900SF (83.61SM) coverage	IPS05-1L	Z	600W Incand/FL Ballast 150W LED/CFL, 1/6 HP Motor
Decora Wall Switch **PIR** Vacancy Sensor, Single-Pole, 180° Field of View, 900SF (83.61SM) coverage	IPV05-IL		
Decora Wall Switch **PIR** Occupancy Sensor, Single-Pole or 3-Way, 180° Field of View, 900SF (83.61SM) coverage	IPS06-1L	W	600W Incandescent, 150W LED/CFL
Decora Wall Switch **PIR** Dimming Occupancy Sensor, Single-Pole or 3-Way, 180° Field of View, 900SF (83.61SM) coverage	IPSD6-1L		
Decora Wall Switch **PIR** Dimming Vacancy Sensor, Single-Pole or 3-Way, 180° Field of View, 900SF (83.61SM) coverage	IPVD6-1L	Z	
Decora Wall Switch Relay Occupancy Sensor, Single-Pole or 3-Way, 180° Field of View, 900SF (83.61SM) coverage, neutral required	IPS15-1L		1800W Incandescent, 600W LED/CFL, 1800VA Fluorescent Ballast, 1/2 HP
Decora Wall Switch Relay Vacancy Sensor, Single-Pole or 3-Way, 180° Field of View, 900SF (83.61SM) coverage, neutral required	IPV15-1L		
Sensor Remote, 120V AC, Manual-ON, Auto-OFF for use with IPS15 or IPV15 Sensor	IPV0R-1L	—	No Load Rating

IPS05-1L

IPVD6-1L

Z — Comes packaged with three colors: White, Ivory and Light Almond.
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
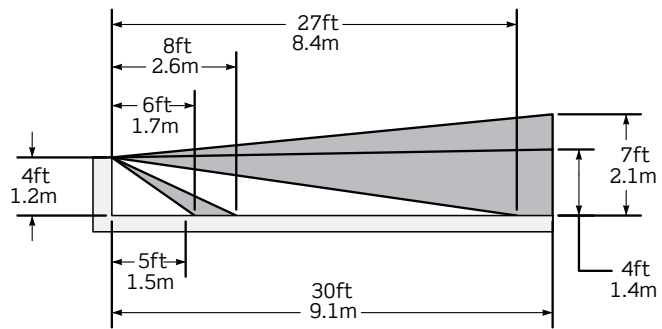See product data sheets for specific listings.

Visit www.leviton.com/sensors for more information.

LED READY

Decora® Residential Grade Wall Switch Humidity Sensor and Fan Control

Description	Cat. No.	Color	Rating
Humidity Sensor & Fan Control	IPHS5-1L	W, I,T	600W Incandescent, 150W LED/CFL 400VA MLV/Fluorescent, 1/6 HP (3A) Fan

IPHS5-W

Field-of-View (Horizontal)

Field-of-View (Side, Vertical)

Decora® Commercial Grade Wall Switch Infrared Occupancy and Vacancy Sensors*

Description	Cat. No.	Color **	Rating	Coverage
Decora® Wall Switch **PIR** Occupancy Sensor	ODS06-ID	W, I	Incandescent: 600W @ 120V, Fluorescent: 800VA @ 120V 1500VA @ 277V, 50/60Hz Motor: 1/4 HP @ 120V	180°, 2100SF (195.10SM)
Decora® Wall Switch **PIR** Occupancy Sensor 347V Only Model	ODS10-I3	W	Incandescent: 3470W @ 347V Fluorescent: 3470W @ 347V 50/60 Hz Motor: 1/4HP @ 347V	
Decora® Wall Switch **PIR** Occupancy Sensor	ODS10-ID	W, I, T, G, E, R	Incandescent: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V. 50/60Hz Motor: 1/4HP @ 120V	
Decora® Wall Switch **PIR** Vacancy Sensor	ODS10-TD	W, I, T		
Decora® Wall Switch **PIR** - Occupancy Sensor Auto-ON/Auto-OFF Only Model	ODS10-IQ	W, I, E		
Decora® Wall Switch **PIR** Occupancy Sensor with Self-Adaptive Technology	ODS15-ID	W, I, T, G, E	Incandescent: 1800W @ 120V Fluorescent: 1800VA @ 120V, 4000VA @ 277V 50/60Hz Motor: 1/4HP @ 120V	
Decora® Wall Switch **PIR** Vacancy Sensor with Self-Adaptive Technology	ODS15-TD	W, I, T		
Decora® Dual-Relay Wall Switch **PIR** Occupancy Sensor with Self-Adaptive Technology. Default setting = Conference Room Mode*** Alternate setting = Classroom mode****	ODS0D-ID	W, I, T, G, E, R	Primary Relay–Fluorescent: 1200VA @ 120V, 2700VA @ 277V; Incandescent: 800W @ 120V. Secondary Relay–Fluorescent: 800VA @ 120V, 1200VA @ 277V; Incandescent: 800W @ 120V. 50/60Hz	
Decora® Wall Switch **PIR** Occupancy Sensor with LED Night Light	OSSNL-ID	W, I, T, G, E	Incandescent: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V 50/60Hz Motor: 1/8 HP @ 120V	180°, 1200SF (111.48SM)
Decora© Wall Switch **PIR** with LED Night Light, CA Title 24 - Vacancy Model	OSS10-IN	W, I, E		
Protective Cage for Wall Switch Sensors	OSWWG-P0W	—	—	—

*Consult with factory for 208, 220, 230, and 240V load ratings.
**Add to end of catalog number suffix for color of switch: White (W), Ivory (I), Light Almond (T), Gray (G), Ebony (E) and Red (R) available on select models. Wallplates sold separately.
***In Conference Room Mode, both primary and secondary relays respond to ambient light override.
****In Classroom Mode, primary relay responds only to ambient light override
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.

LED READY

Decora® Wall Switch - Lev-Lok® Models, 20A

Description	Cat. No.	Color	Rating
Decora® Wall Switch **PIR** Occupancy Sensor - Lev-Lok® Model	MDS10-ID	W,I,T,G,E	Incandescent: 800W @ 120V. Fluorescent: 120VA @120V, 2700VA @ 277V. 50/60Hz Motor: 1/4HP @ 120V
Decora® Wall Switch **PIR** Occupancy Sensor - Lev-Lok® Model	MDS15-ID		
Decora® Wall Switch **Multi Technology** Occupancy Sensor with No Netural - Lev-Lok® Model	MSSMT-GD		Incandescent/Tungsten: 800W @ 120V. Fluorescent: 1200VA @ 120V, 2700VA @ 277V. 60Hz Motor: 1/4HP @ 120V

Wiring Modules for use with Lev-Lok® Sensors

Description	Cat. No.	Color
Stranded	MSPSW-XST	Yellow
Solid	MSPSW-XSD	Yellow

ODS06-INW/ODS06-IDW
ODS10-IDW/ODS15-IDW

OSSNL-IDW

ODS0D-IDW

DECORA® MULTI-TECHNOLOGY WALL SWITCH OCCUPANCY AND VACANCY SENSORS

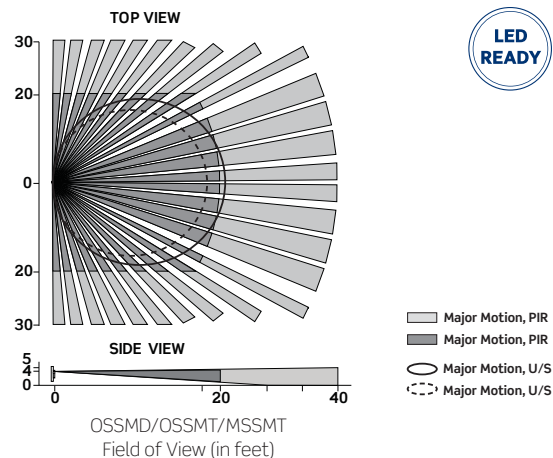| Decora® Commercial Grade Wall Switch Multi-Technology (PIR & U/S) Occupancy and Vacancy Sensors*				
Description	**Cat. No.**	**Color**	**Rating**	**Coverage**
Decora® Wall Switch **Multi-Technology** Occupancy Sensor with Self-Adaptive Technology	OSSMT-MD	W, I, T, G, E, R	Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V Motor: 1/4HP @ 120V 50/60Hz	180°, 2400SF (222.97SM)
Decora® Wall Switch **Multi-Technology** Vacancy Sensor with Self-Adaptive Technology	OSSMT-TM	W, I, T		
Decora Wall Switch **Multi-Technology** Occupancy Sensor with No Neutral - Auto-ON/Auto-OFF Only Model	OSSMT-GQ	W, I, E		
Decora® Wall Switch **Multi-Technology** Occupancy Sensor with Self-Adaptive Technology - Auto-ON/Auto-OFF Only Model	OSSMT-MQ			
Decora® Wall Switch **Multi-Technology** Occupancy Sensor with Self-Adaptive Technology - 347V Only Model	OSSMT-M3	W, I	Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V, 1500VA @347V Motor: 1/4HP @ 120V	
Decora® Wall Switch **Multi-Technology** Occupancy Sensor with no neutral wire required for installation	OSSMT-GD	W, I, T, G, E, R	Incandescent/Tungsten: 800W @ 120V. Fluorescent: 1200VA @ 120V, 2700VA @ 277V. Motor: 1/4HP @ 120V, 50/60Hz	
Decora® Wall Switch **Multi-Technology** Vacancy Sensor with No Neutral	OSSMT-GT	W, I, T		
Decora® Dual-Relay Wall Switch **Multi-Technology** Occupancy Sensor	OSSMD-MD	W, I, T, G, E	Primary Relay — Fluorescent 1200VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V Secondary Relay — Fluorescent: 800VA @ 120V, 1200VA @ 277V; Incandescent: 800W @ 120V Motor: 1/4HP @ 120V, 50/60Hz	
Decora® Dual-Relay Wall Switch **Multi-Technology** Occupancy Sensor with no neutral wire required for installation	OSSMD-GD			
Protective Cage for Wall Switch Sensors	OSWWG-P0W	W	—	—

OSSMT-MDW/OSSMT-GDW

OSSMD-MDW/OSSMD-GDW

*Consult with factory for 208, 220, 230, and 240V load ratings. Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.

TOP VIEW

30
20
0
20
30

SIDE VIEW
5
4
0
0   20   40

OSSMD/OSSMT/MSSMT
Field of View (in feet)

LED READY

Major Motion, PIR
Major Motion, PIR
Major Motion, U/S
Major Motion, U/S

LINE VOLTAGE OCCUPANCY/VACANCY SENSORS

Self-Contained Infrared Ceiling Mount Occupancy Sensors

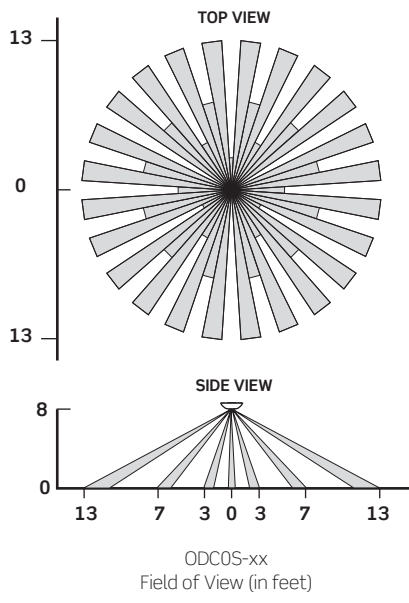| Description	Cat. No.	Color	Rating	Coverage
Self-Contained Ceiling Mount **PIR** Occupancy Sensor and Switching Relay, 120V	ODC0S-I1W	W	Incandescent: 1000W @ 120V Fluorescent: 1000VA @ 120V Motor: 1HP @ 120V 50/60Hz	360°, 530SF* (49.23SM)
Self-Contained Ceiling Mount **PIR** Occupancy Sensor and Switching Relay, 220V	ODC0S-I2W		Incandescent: 1000W @ 220V Fluorescent: 500VA @ 220V For 50Hz AC only.	
Self-Contained Ceiling Mount **PIR** Occupancy Sensor and Switching Relay, 277V	ODC0S-I7W		Fluorescent: 2700VA @ 220V 50/60Hz	
Protective Cage for Ceiling Mount Sensors	ODCCG-000	—	—	—

*When surface mounted on standard, 8 foot ceiling.
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
See product data sheets for specific listings.

ODC0S-I1W

ODCCG-000

LED READY

TOP VIEW
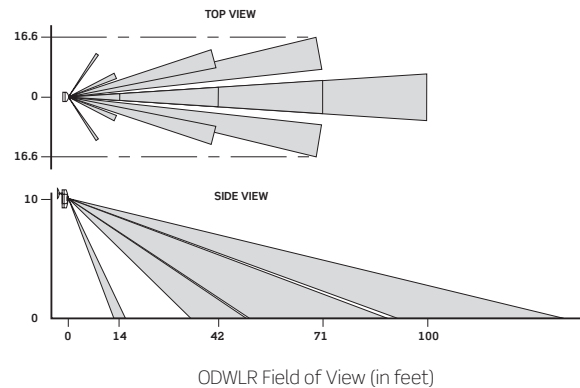
SIDE VIEW

ODC0S-xx
Field of View (in feet)

LINE VOLTAGE SENSORS

Line Voltage Sensors with OPB15 Power Base Adaptor Combos				
Description	Cat. No.	Color	Rating	Coverage
Line Voltage Wall Mount **Multi-Technology** Occupancy Sensor with Power Base Combo	ODW12-MDW	W	15A Incandescent, Electronic or Magnetic Fluorescent Ballast Motor: 3/4 HP @ 120V, 277V @ 2HP	1200SF (111.48SM)
Line Voltage Wall Mount **PIR** Wide View Occupancy Sensor with Power Base Combo	ODWWV-IDW			115°, 2500SF (232.26SM)
Line Voltage Wall Mount **PIR** Wide View Occupancy Sensor with Power Base Combo	ODWHB-IDW			55ft., 7ft side @ 30ft high (16.76m x 2.13m side @ 9.14m high)
Line Voltage Wall Mount **PIR** Long Range Occupancy Sensor with Power Base Combo	ODWLR-IDW			100ft, 110° @ 10ft high (30.48m, @ 3.04m high)
Protective Cage for Wall Mount Sensors	OSWCG-P0W	—	—	—

ODW12-MDW

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
See product data sheets for specific listings.

LED READY

ODW12-M0W Field of View (in feet)

ODWWV Field of View (in feet)

ODWHB Field of View (in feet)
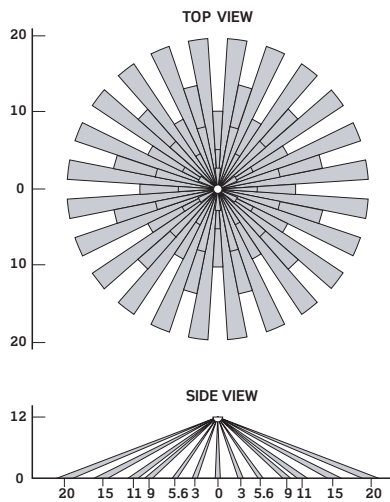
ODWLR Field of View (in feet)
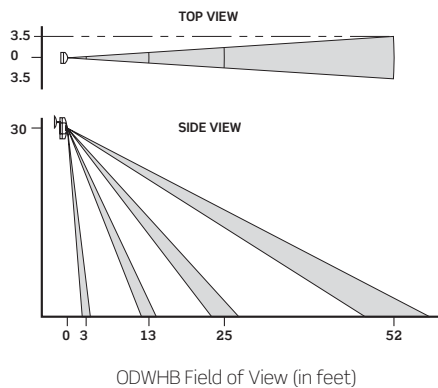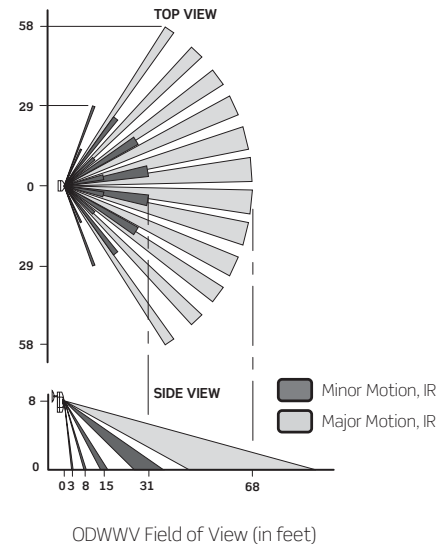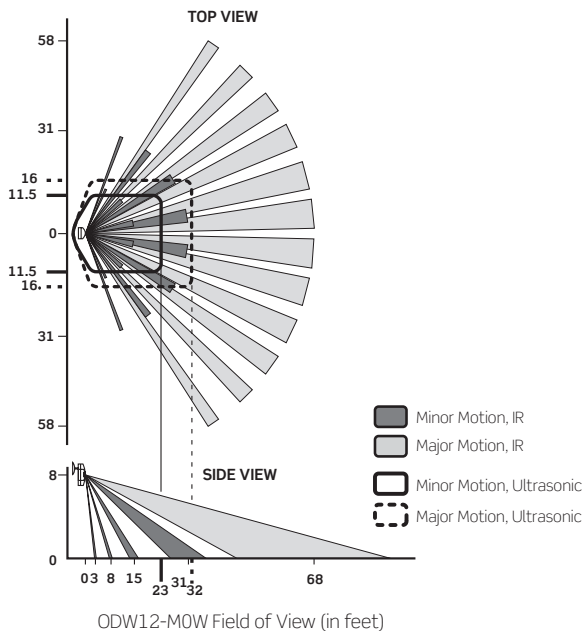
PROVOLT™ SELF-CONTAINED CEILING MOUNT OCCUPANCY SENSORS—
DAYLIGHT HARVESTING CAPABLE

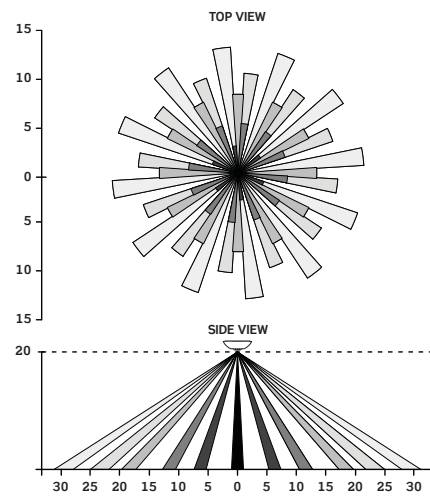| Provolt Self-Contained Passive Infrared Ceiling Mount Occupancy Sensors — Daylight Harvesting Capable				
Description	**Cat. No.**	**Coverage**	**Color**	**Input Voltage, Rating**
Provolt Line Voltage Ceiling Mount **PIR** Occupancy Sensor w/Integrated Photocell, High-Density Lens installed, Mid-Range Lens included	ODC04-IDW O2C04-IDW (Dual Relay)	450SF (41.80SM)	W	120V, 50/60Hz 8A, Electronic Ballast, 800W/VA, Tungsten Ballast, 1/4 HP Motor 230V, 50Hz 6A/6AX, Electronic Ballast, Magnetic Ballast, 1200W/VA, 1/3 HP Motor 277V, 50/60Hz 6A, Electronic Ballast, 1200VA, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount **PIR** Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed, Mid-Range Lens included	ODC15-IDW O2C15-IDW (Dual Relay)	1500SF (139.35SM)		

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
See product data sheets for specific listings.

LED READY
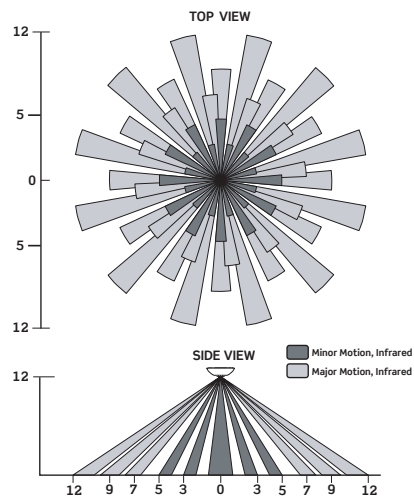
ODC04-IDW, O2C04-IDW
(High Density: Blue Lens)

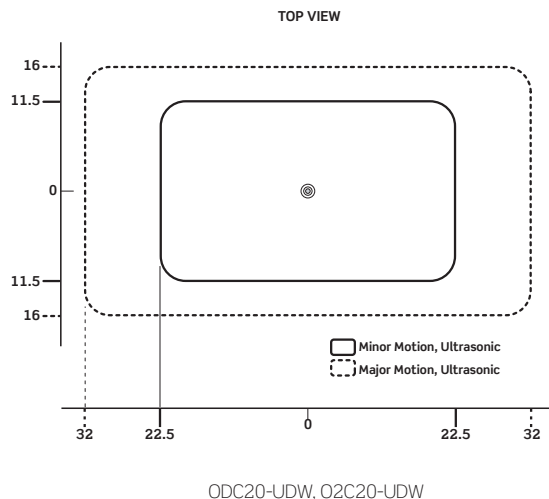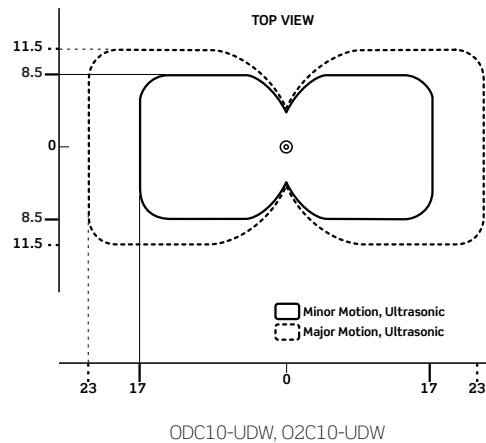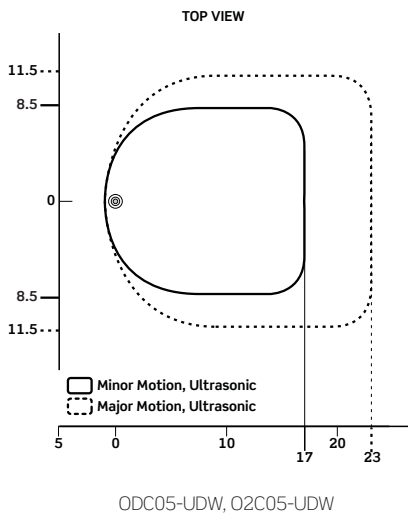ODC15-IDW, O3C15-IDW,
O2C15-IDW, O4C15-IDW
(Extended Range: Black Lens)

Mid-Range Lens (mounting up to 20 feet)
(Included with all PIR and Multi-Tech Models)

Sensing Control | Line Voltage

PROVOLT™ SELF-CONTAINED CEILING MOUNT OCCUPANCY SENSORS—
DAYLIGHT HARVESTING CAPABLE

Provolt Self-Contained Ultrasonic Ceiling Mount Occupancy Sensors — Daylight Harvesting Capable				
Description	Cat. No.	Coverage	Color	Input Voltage, Rating
Provolt Line Voltage Ceiling Mount **U/S** Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed	ODC05-UDW O2C05-UDW (Dual Relay)	500SF (46.45SM)	W	277V, 50/60Hz 5A, Electronic Ballast, 800W/VA, Tungsten Ballast, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount **U/S** Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed	ODC10-UDW O2C10-UDW (Dual Relay)	1000SF (92.90SM)		230V, 50Hz 6A/6AX, Electronic Ballast, Magnetic Ballast, 1200W/VA, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount **U/S** Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed	ODC20-UDW O2C20-UDW (Dual Relay)	2000SF (185.81SM)		277V, 50/60Hz 5A, Electronic Ballast, 1200VA, 1/3 HP Motor

LED READY

TOP VIEW

☐ Minor Motion, Ultrasonic
┌┄┐ Major Motion, Ultrasonic

ODC05-UDW, O2C05-UDW

TOP VIEW

☐ Minor Motion, Ultrasonic
┌┄┐ Major Motion, Ultrasonic

ODC10-UDW, O2C10-UDW

TOP VIEW

☐ Minor Motion, Ultrasonic
┌┄┐ Major Motion, Ultrasonic

ODC20-UDW, O2C20-UDW

Provolt Self-Contained Multi-Technology Ceiling Mount Occupancy Sensors — Daylight Harvesting Capable

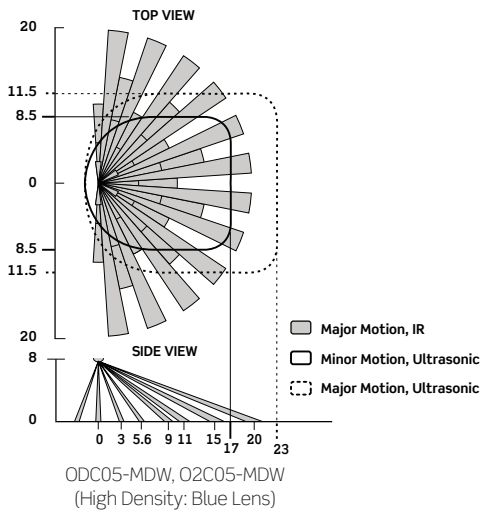| Description	Cat. No.	Coverage	Color	Input Voltage, Rating
Provolt Line Voltage Ceiling Mount **Multi-Technology** Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed	ODC05-MDW O2C05-MDW (Dual Relay)	500SF (46.45SM)		**120V, 50/60Hz** 8A, Electronic Ballast, 800W/VA, Tungsten Ballast, 1/4 HP Motor
Provolt Line Voltage Ceiling Mount **Multi-Technology** Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed, Mid-Range Lens included	ODC10-MDW O2C10-MDW (Dual Relay)	1000SF (92.90SM)	W	**230V, 50Hz** 6A/6AX, Electronic Ballast, Magnetic Ballast, 1200W/VA, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount **Multi-Technology** Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed, Mid-Range Lens included	ODC20-MDW O2C20-MDW (Dual Relay)	2000SF (185.81SM)		**277V, 50/60Hz** 5A, Electronic Ballast, 1200VA, 1/3 HP Motor

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.

LED READY

ODC05-MDW, O2C05-MDW
(High Density: Blue Lens)

ODC10-MDW, O3C10-MDW, O2C10-MDW, O4C10-MDW
(Extended Range: Black Lens)

ODC20-MDW, O3C20-MDW,
O2C20-MDW, O4C20-MDW

Mid-Range Lens (mounting up to 20 feet)
(Included with all PIR and Multi-Tech Models)
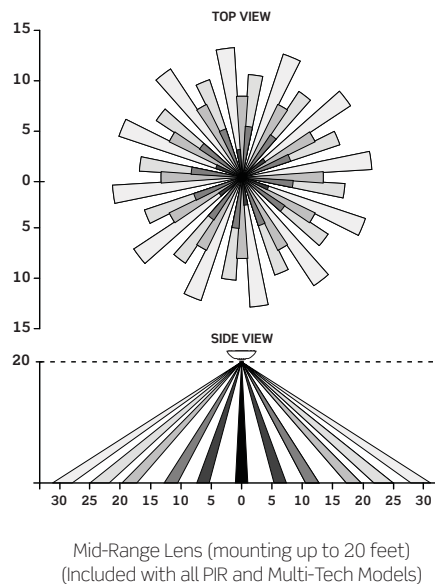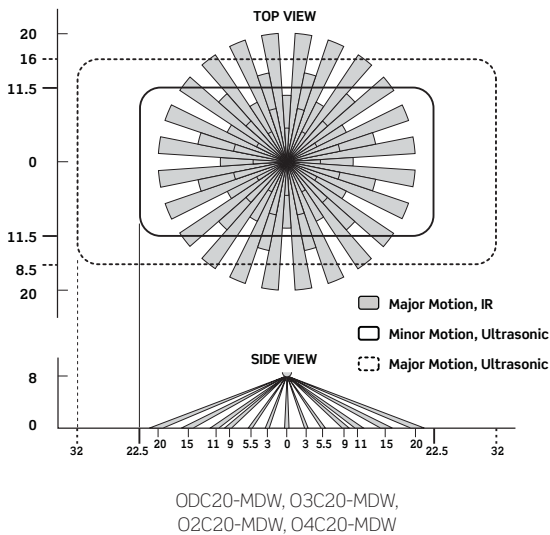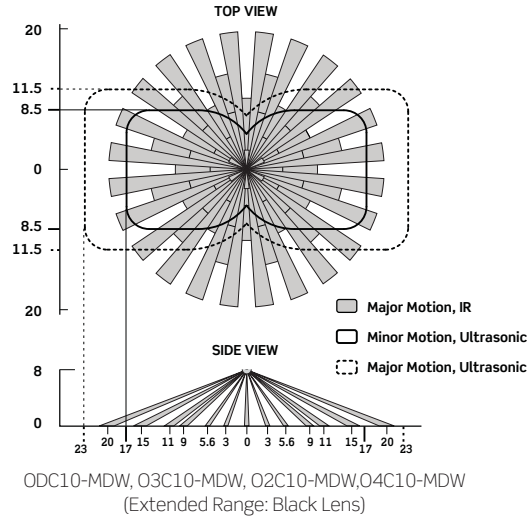
PROVOLT SELF-CONTAINED CEILING MOUNT VACANCY SENSORS

Provolt Self-Contained Ceiling Mount Vacancy Sensors				
Description	**Cat. No.**	**Coverage**	**Color**	**Input Voltage, Rating**
Provolt Line Voltage Ceiling Mount **PIR** Vacancy Sensor	03C15-IDW 04C15-IDW (Dual Relay)	1500SF (139.35SM)		120V, 50/60Hz 8A, Electronic Ballast, 800W/VA, Tungsten Ballast, 1/4 HP Motor
Provolt Line Voltage Ceiling Mount **PIR** Vacancy Sensor	03C10-MDW 04C10-MDW (Dual Relay)	1000SF (92.90SM)	W	230V, 50Hz 6A/6AX, Electronic Ballast, Magnetic Ballast, 1200W/VA, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount **PIR** Vacancy Sensor	03C20-MDW 04C20-MDW (Dual Relay)	2000SF (185.81SM)		277V, 50/60Hz 5A, Electronic Ballast, 1200VA, 1/3 HP Motor

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
See product data sheets for specific listings.

LED READY

ODC20-MDW

Flat Light Pipe

Angled Light Pipe

ODC20-MDW (top view)

OXCXX-IDW

Sensing Control | Line Voltage

SELF-CONTAINED FIXTURE MOUNT HIGH-BAY PIR AND INTEGRAL LUMINAIRE OCCUPANCY SENSORS

Self-Contained PIR High Bay Occupancy Sensors*

Coverage

360° high-bay lens — 2:1 spacing to mounting height under 20 ft. and 1.5:1 spacing to mounting height @ 40 ft.
360° low-bay lens — 2:1 spacing to mounting height @ 8 ft. to 20 ft.

Description	Cat. No.	Models	Rating
Fixture Mount High-Bay **PIR** Occupancy Sensor with Two Interchangeable Lenses, for 360° High-Bay, 360° Low Bay	OSFHU-ITW	120-230-277-347V	Fluorescent: 800VA @ 120V, Fluorescent: 1200VA @ 277V, Fluorescent: 1500VA @ 347V, 50/60Hz (OSFHU-x4W models only) Motor: 1/4 HP @ 120V
	OSFHU-CTW	120-230-277-347V, Cold Storage	
	OSFHU-I4W	240/480V	
	OSFHU-C4W	240/480V, Cold Storage	
Fixture Mount High-Bay **PIR** Occupancy Sensor with Two Interchangeable Lenses and Light Sensor, Low Voltage	OSFHP-ILW	24V	Input: 20mA Output: 120mA HVAC: 1A, 30V DC
Fixture Mount High-Bay **PIR** Occupancy Sensor with Two Interchangeable Lenses and Light Sensor	OSFHP-ITW	120-230-277-347V	Fluorescent: 800VA @ 120V, Fluorescent: 1000VA @ 230V AC, Fluorescent: 1200VA @ 277V AC, Fluorescent: 1500VA @ 347V AC, Fluorescent: 2000VA @ 480V AC, 50/60Hz. Motor: 1/4 HP @ 120V
	OSFHP-I4W	240/480V	
	OSFHD-ITW	120-230-277-347V, Dual Relay	
	OSFHD-CTW	120-230-277-347V, Dual Relay, Cold Storage	
Fixture Mount High-Bay **PIR** Occupancy Sensor with Two Interchangeable Lenses and Alternating Relay	OSFHD-IAW	120-230-277V	
	OSFHD-CAW	Cold Storage	
Surface Mount High-Bay **PIR** Occupancy Sensor	OSFHS-ITW	120-230-277-347V	Fluorescent: 800VA @ 120V, Fluorescent: 1200VA @ 277V AC, Fluorescent: 1500VA @ 347V AC, Motor: 1/4 HP @ 120V

Coverage

360° — 1:1 spacing to mounting height up to 8 ft.

Description	Cat. No.	Models	Rating
Integral Luminaire Fixture Mount **PIR** Occupancy Sensor	OSFHU-I0W	120-230-277V (Integrated Unit)	Incandescent: 598W @ 120V. Fluorescent: 800VA @ 120V, Fluorescent: 1000VA @ 230V AC, Fluorescent: 1200VA @ 277V AC, 50/60Hz
	OSF10-IUW	120-230-277V, Sensor Head	
	OSF10-PPW	120-230-277V, Power Pack	
	OSFCA-36W	36" Connection Cable	

*Consult with factory for 208, 220, 230, and 240V load ratings.
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.

LED READY

OSFHU-ITW   OSFHP   OSFHD   OSFHS   OSF10-xxx

SELF-CONTAINED FIXTURE MOUNT HIGH-BAY PIR AND INTEGRAL LUMINAIRE OCCUPANCY SENSORS

Self-Contained Infrared High Bay Occupancy Sensor Accessories	
Description	Cat. No.
High-Bay Lens for High-Bay Sensors	OSFLN-00W
Low-Bay Lens for High-Bay Sensors	OSFLN-00B
Aisle Lens for High-Bay Sensors	OSFLN-00E
Offset Adaptor Accessory for Fixture-Mount Occupancy Sensor	OSFOA-00W
Offset Adaptor Accessory for High-Bay Occupancy Sensor	OSFLO-00W
Protective Cage for High-Bay Mount Sensors	OSFCG-00W

OSFOA

High Bay 360° Top View

White Lens
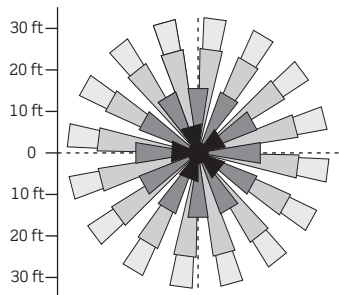
Side View

Low Bay 360° Top View

Blue Lens

Side View

OSFHU/OSFHP/OSFHD Field of View (in feet)

OSF10 Field of View (in feet)

Sensing Control | Line Voltage

CEILING MOUNT MULTI-TECHNOLOGY OCCUPANCY SENSORS

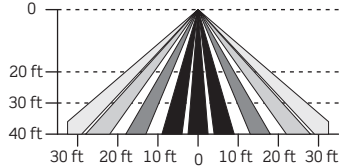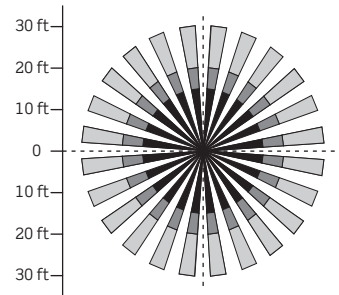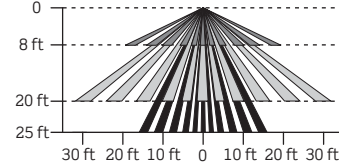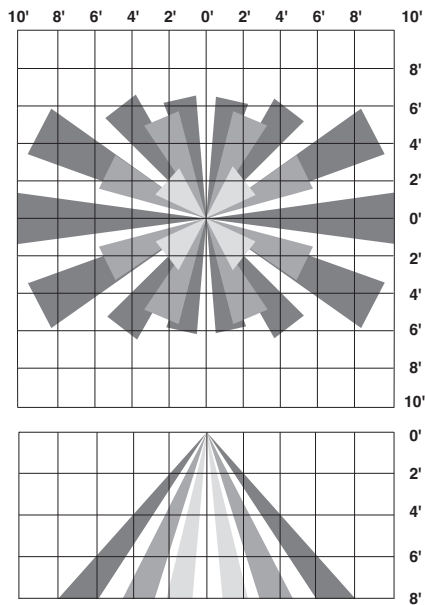| Ceiling Mount Multi-Technology Occupancy Sensors and Accessories For Use with Leviton Power Pack or Power Base Adaptor				
Description	**Cat. No.**	**Operating Frequency**	**Rating**	**Color**
Ceiling Mount **Multi-Technology** Occupancy Sensor	OSC05-M0W	40kHz	180°, 500SF (46.45SM)	Off-White
Ceiling Mount **Multi-Technology** Occupancy Sensor	OSC10-M0W		360°, 1000SF (92.90SM)	
Ceiling Mount **Multi-Technology** Occupancy Sensor	OSC20-M0W	32kHz	360°, 2000SF (185.81SM)	
Ceiling Mount **Multi-Technology** Occupancy Sensor with Isolated Relay	OSC05-RMW	40kHz	180°, 500SF (464.52SM)	White
Ceiling Mount **Multi-Technology** Occupancy Sensor with Isolated Relay	OSC10-RMW		360°, 1000SF (92.90SM)	
Ceiling Mount **Multi-Technology** Occupancy Sensor with Isolated Relay	OSC20-RMW	32kHz	360°, 2000SF (185.81SM)	
Power Base Adaptor	OPB15-0DW	—	—	Off-White
Cosmetic Adaptor	OPBCA-00W			
Protective Cage for Ceiling-Mount Sensors	ODCCG-000			—

Note: Use low-voltage wiring to connect sensors to OPP20 or OSPxx Power Pack or OPB15 Power Base Adaptor
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.

OSC05-M0W

OSC10/OSC20-MDW

OSC05-M0W Field of View (in feet)
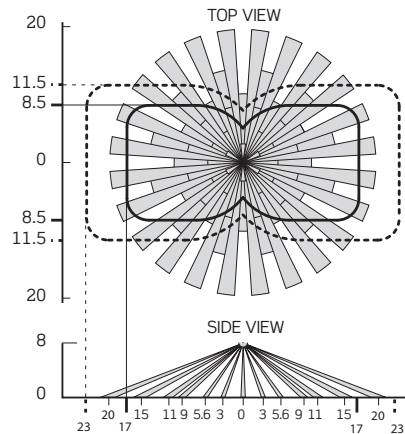
OSC10-M0W Field of View (in feet)
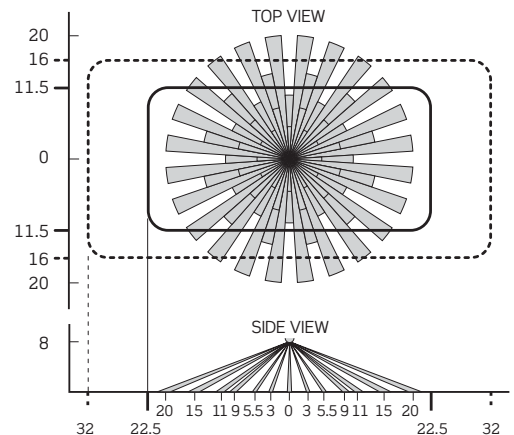
OSC20-M0W Field of View (in feet)

Major Motion, IR

Minor Motion, Ultrasonic

Major Motion, Ultrasonic

CEILING MOUNT PIR OCCUPANCY SENSORS

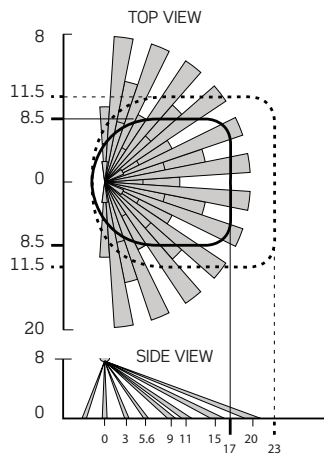| Infrared Ceiling Mount Occupancy Sensors and Accessories For Use with Leviton Power Pack or Power Base Adaptor			
Description	**Cat. No.**	**Coverage**	**Color**
Ceiling Mount **PIR** Occupancy Sensor	OSC04-I0W	360°, 450SF (41.80sm)	Off-White
Ceiling Mount **PIR** Occupancy Sensor	OSC15-I0W	360°, 1500SF (139.35sm)	
Ceiling Mount **PIR** Occupancy Sensor with Isolated Relay	OSC04-RIW	360°, 450SF (41.80sm)	White
Ceiling Mount **PIR** Occupancy Sensor with Isolated Relay	OSC15-RIW	360°, 1500SF (139.35sm)	
Power Base Adaptor	OPB15-0DW	—	Off-White
Cosmetic Adaptor	OPBCA-00W		
Protective Cage for Ceiling Mount Sensors	ODCCG-000		White

Note: Use low-voltage wiring to connect sensors to OSPXX Power Pack OPP20 or OSPxx Power Pack or OPB15 Power Base Adaptor.
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
See product data sheets for specific listings.

OSC04-I0W

OSC04-I0W Field of View (in feet)

OSC15-I0W Field of View (in feet)

Minor Motion, IR
Major Motion, IR

Sensing Control | Low Voltage

CEILING MOUNT ULTRASONIC OCCUPANCY SENSORS

Ceiling Mount Ultrasonic Occupancy Sensors and Accessories For Use with Leviton Power Pack or Power Base Adaptor

| Description	Cat. No.	Operating Frequency	Coverage	Color
Ceiling Mount **Ultrasonic** Occupancy Sensor	OSC05-U0W	40kHz	180°, 500SF (46.45SM)	Off-White
Ceiling Mount **Ultrasonic** Occupancy Sensor	OSC10-U0W		360°, 1000SF (92.90SM)	
Ceiling Mount **Ultrasonic** Occupancy Sensor	OSC20-U0W	32kHz	360°, 2000SF (185.81SM)	
Ceiling Mount **Ultrasonic** Occupancy Sensor with Isolated Relay	OSC05-RUW	40kHz	180°, 500SF (46.45SM)	White
Ceiling Mount **Ultrasonic** Occupancy Sensor with Isolated Relay	OSC10-RUW		360°, 1000SF (92.90SM)	
Ceiling Mount **Ultrasonic** Occupancy Sensor with Isolated Relay	OSC20-RUW	32kHz	360°, 2000SF (185.81SM)	
Power Base Adaptor	OPB15-0DW	—	—	Off-White
Cosmetic Adaptor	OPBCA-00W			
Protective Cage for Ceiling-Mount Sensors	ODCCG-000			White

Note: Use low-voltage wiring to connect sensors to OPP20 or OSPxx Power Pack or OPB15 Power Base Adaptor
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.

OSC05-U0W

OSC05-U0W Field of View (in feet)
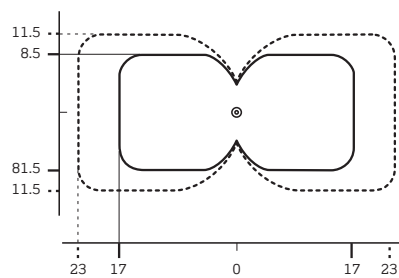
OSC10-U0W Field of View (in feet)
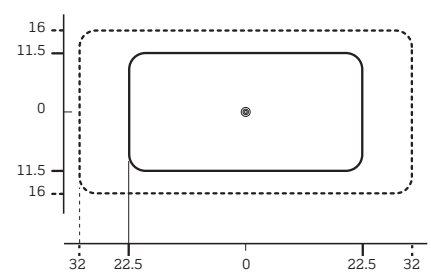
OSC20-U0W Field of View (in feet)

Minor Motion, Ultrasonic
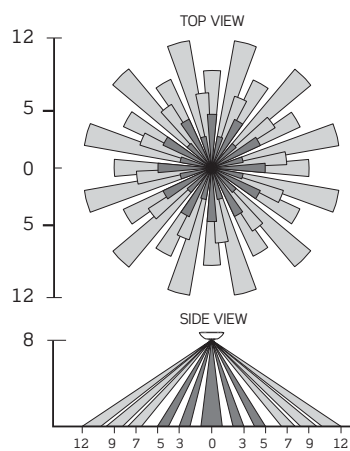Major Motion, Ultrasonic

WALL MOUNT PIR OCCUPANCY SENSORS

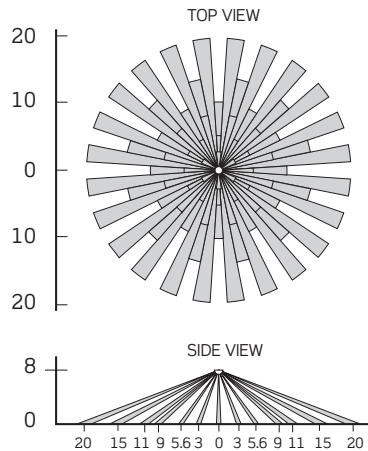| Infrared Indoor Wall-Mount Occupancy Sensors and Accessories For Use with Leviton Power Pack or Power Base Adaptor			
Description	**Cat. No.**	**Coverage**	**Color**
Wide-View Wall Mount **PIR** Occupancy Sensor	OSWWW-I0W	115°, 2500SF (232.26SM)	Off-White
High-Bay Wall Mount **PIR** Occupancy Sensor	OSWHB-I0W	55 ft. x 7 ft. wide @ 10 ft. high (16.76m x 4.26m wide @ 3.04m high)	Off-White
Long-Range Wall Mount **PIR** Occupancy Sensor	OSWLR-I0W	100 ft. x 14 ft. @ 10 ft. high (30.48m x 4.26m @ 3.04m high)	Off-White
Wide-View Wall Mount **PIR** Occupancy Sensor with Isolated Relay	OSWWV-RIW	115°, 2500SF (232.26SM)	White
High-Bay Wall Mount **PIR** Occupancy Sensor with Isolated Relay	OSWHB-RIW	55 ft. x 7 ft. wide @ 30 ft. high (16.76m x 4.26m wide @ 9.14m high)	White
Long-Range Wall Mount **PIR** Occupancy Sensor with Isolated Relay	OSWLR-RIW	100 ft., 110° @ 10 ft. high (30.48m, @ 3.04m high)	White
Wall-Mount **Multi-Technology** Occupancy Sensor	OSW12-M0W	115°, 1200SF (111.48SM)	Off-White
Wall-Mount **Multi-Technology** Occupancy Sensor with Isolated Relay	OSW12-RMW	115°, 1200SF (111.48SM)	White
Power Base Adaptor	OPB15-0DW	—	Off-White
Cosmetic Adaptor	OPBCA-00W	—	Off-White
Protective Cage for Ceiling-Mount Sensors	OSWCG-P0W	—	White

Note: Use low-voltage wiring to connect sensors to OPP20 or OSPxx Power Pack or OPB15 Power Base Adaptor

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings

OSWHB-I0W

OSW12-M0W
Wall Mount

Minor Motion, IR
Major Motion, IR
Minor Motion, Ultrasonic
Major Motion, Ultrasonic

OSWHB
Field of View (in feet)

OSWLR
Field of View (in feet)

OSWWV
Field of View (in feet)

OSW12-M0W
Field of View (in feet)

Sensing Control | Low Voltage
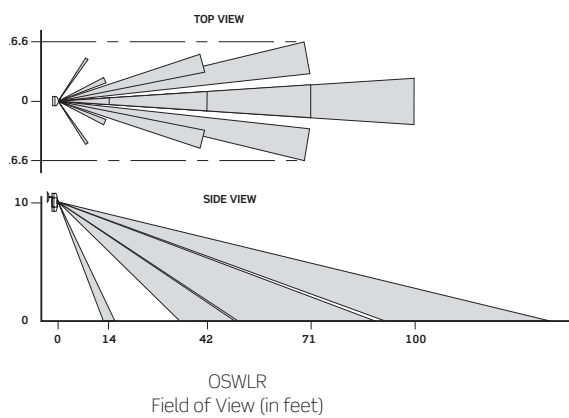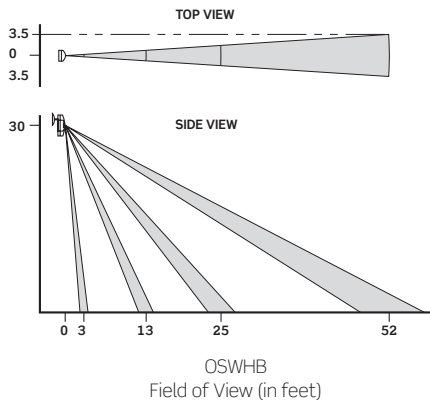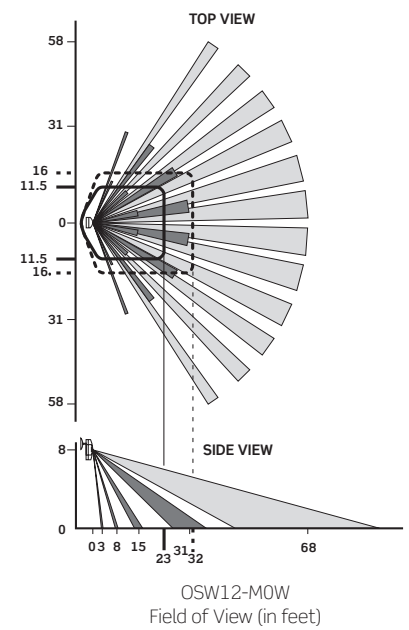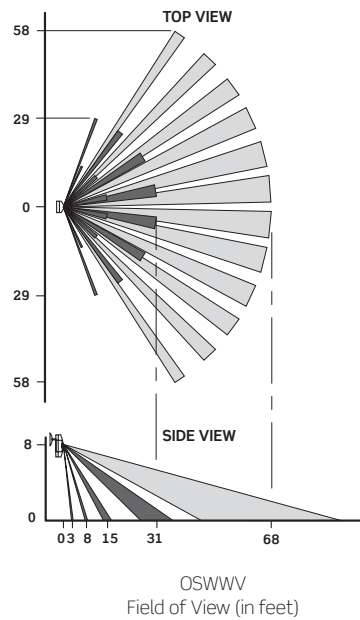
POWER PACKS AND POWER BASE ADAPTOR
COMMERCIAL GRADE OCCUPANCY SENSOR POWER PACKS

Occupancy Sensor Power Packs

Description	Cat. No.	Power Input*	Relay Rating	Control Input	Pow Supply Output
Super Duty Power Pack with Auto-ON, Manual-ON, and Local Switch Inputs, CA Title 24	OPP20-0D2	120-230-277VAC, 50/60 Hz	20A, 2400W @ 120V – Resistive 20A, 2400W @ 120V – General Purpose 20A, 2400W @ 120V – Incandescent 20A, 2400W @ 120V – Fluorescent 20A, 5540W @ 277V – Resistive 20A, 5540W @ 277V – General Purpose 20A, 5540VA @ 277V – Fluorescent 16A, 4430VA @ 277V – Electronic Ballasts 1/2 HP @ 120V – Motor Load 2 HP @ 240/277V – Motor Load	2mA, 24VDC	225mA, 24VDC, 5.4W
Super Duty Power Pack with Auto-ON and Photocell Input	OPP20-RD3				
Super Duty Power Pack with Auto-ON, Manual-ON, Switch, and Photocell Input, CA Title 24	OPP20-RD4 **				
Power Pack with HVAC Relay with Auto-ON and Manual-ON Inputs for Occupancy Sensors	OSP20-RDH		20A Incandescent @ 120V, 20A Fluorescent @ 120-230-277/347VAC; 1/2HP @ 120V, 2HP @ 240-277V; HVAC: 0.5A @ 120VAC, 1A @ 30VDC	5mA, 24VDC	225mA, 24VDC
Power Pack with HVAC Relay	OSP15-R30	347VAC, 60Hz	15A fluorescent @ 347V; 1HP @ 120V, 2HP @ 240V; HVAC: 0.5A @ 120VAC, 1A @ 30VDC		120mA, 24VDC
Add-A-Relay Unit with HVAC Relay	OSA20-R00	—	15A incandescent @ 120V, HVAC: 0.5A @ 125VAC, 1A @ 30VDC		—

*Consult with factory for 208, 220, and 240V models
Leviton power packs meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.
**OPP20-RD4 is for general purpose plug load control - 20A, 2400W @ 120V - complies with ASHRAE 90.1 and CA Title 24 Plug Load Control Requirements

LED READY

OPP20

OSP20

Sensing Control | Power Packs

POWER PACK CAPACITY FORMULA

Leviton power packs can be used to provide power to one or more sensors. Since current consumptions of sensors may vary, the best way to ensure you order the correct number of power packs and Add-A-Relays is by using this formula:

Sensor	Current Consumption
OSC04-I, OSC15-I, OSWHB-I, OSWLR-I, OSWWV-I	10-15mA
OSC05-M, OSC05-U, OSW12-M	25mA
OSC10-M, OSC10-U	35mA
OSC20-M, OSC20-U	50mA
OSA20-R00 Add-A-Relay	50mA

Number of
Model A sensors
X
Sensor A current
consumption rating

+

Number of
Model B sensors
X
Sensor B current
consumption rating

+

Number of
Add-A-Relays
X
50mA

< 225mA
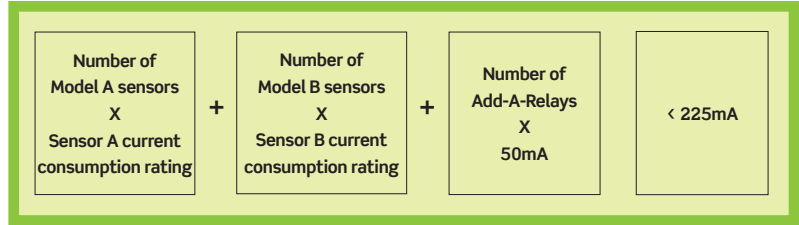
SELF-CONTAINED POWER BASE ADAPTOR

Converts any Leviton low voltage ceiling or wall-mount occupancy sensor to a self-contained, line voltage unit with 15A, 120/277V load capacity.

Power Base Adaptor				
Description	Cat. No.	Power Input/Output	Rating	Color
Converts select Leviton low-voltage ceiling or wall mount occupancy sensor models to a self-contained line voltage unit	OPB15-0DW	Power Input: 120-230-277VAC, 50/60Hz Control Input: 24VDC, 5mA Power Output: 120VAC @15A incandescent; 277VAC @ 15A fluorescent; Motor: 120VAC 3/4HP, 277VAC 2HP Control Output: 24VDC, 40mA	15A	Off-White
Cosmetic Adaptor	OPBCA-00W	—	—	

Agency Listings & Code Compliance: NOM Certified.
*Available in Off-White only.
Consult with factory for 208, 220, 230 and 240V load ratings.
Note: Converts OSCxx-I, OSCxx-M and OSCxx-U. Does not convert OSCxx-R

OPB15-0DW (Occupancy Sensor not included)

WIRELESS SENSORS
Commercial Grade

Specifications	WSC12-M9N	WSWDR-H9W
Features		
Technology	Passive Infrared	
Mounting	Ceiling	Wall
Coverage (SF)	1200	Long Range: 1600 SF Minor, 3300 SF Major Wide Angle: 2000 SF Minor, 3960 SF Major
Pattern	360°	180°
Mounting Height	Up to 10'	6-8'
Adjustment	Manual	
Time Delay	2m-30m	
Voltage	Self-Powered, Energy Harvesting	
Wattage/VA	Self-Powered, Energy Harvesting	
Occupancy or Vacancy	Occupancy	
Auto or Manual	Both - auto or manual selected in load receiver during pairing	
Ambient Light Override	—	
Other	Energy Harvesting, Self-Powered, Wireless Up to 100'	
Mechanical		
Switching Technology	Relay - when paired with load receiver	
Neutral Required	No	
Ground Required	No	
Power	External Power Not Required	
Consumption (mA)	Self-Powered, Energy Harvesting	
Photocell	Not Applicable	
HVAC Relay	Not Applicable	
Environmental Operating Temperature/ Humidity	0 to 50°C/ 20 to 95%	0 to 50°C/ 20 to 95%
Certifications		
CA Title 24 Compliant	Yes	

WALL SWITCH
Residential Grade

Specifications	IPS02-1L	IPV02-1L	IPS05-1L	IPV05-1L
Features				
Technology	Passive Infrared			
Mounting	Wall			
Coverage (SF)	900			
Pattern	180°			
Mounting Height	4'			
Adjustment	Manual			
Time Delay	30s-30m			
Voltage	120VAC, 60 Hz			
Wattage/VA	200VA		600W	
Occupancy or Vacancy	Occupancy	Vacancy	Occupancy	Vacancy
Auto or Manual	Auto	Manual	Auto	Manual
Ambient Light Override	Yes	No	Yes	No
Other	Single Pole			
Mechanical				
Switching Technology	Relay			
Neutral Required	No			
Ground Required	Yes			
Power Pack	External Power Pack Not Required			
Consumption	No			
Photocell	Internal			
HVAC Relay	Not Applicable			
Environmental Operating Temperature/Humidity	0 to 40°C/ 20 to 90% Non-Condensing Indoor Use Only			
Certifications				
CA Title 20 Compliant	Yes			
CA Title 24 Compliant	No	Yes	No	Yes

WALL SWITCH
Residential Grade

Specifications	IPS06-1L	IPSD6-1L	IPVD6-1L	IPS15-1L	IPV15-1L	IPHS5-W
Features						
Technology	Passive Infrared					Digital Sensor
Mounting	Wall					
Coverage (SF)	900					—
Pattern	180°					—
Mounting Height	4'					
Adjustment	Manual					
Time Delay	30s-30m					10m-45m
Voltage	120VAC, 60 Hz					
Wattage/VA	—			1800VA		600W
Occupancy or Vacancy	Occupancy	Vacancy	Occupancy	Vacancy		Occupancy
Auto or Manual	Auto	Manual	Auto	Manual		Auto
Ambient Light Override	Yes	No	Yes	No		No
Other	Single Pole/3-Way			Single Pole/3-Way with IPVOR Remote Sensor		Single Pole
Mechanical						
Switching Technology	Triac			Relay		
Neutral Required	No			Yes		
Ground Required	No					
Power Pack	External Power Pack Not Required					Power Pack Not Required
Consumption	No					
Photocell	Internal					None
HVAC Relay	Not Applicable					
Environmental Operating Temperature/ Humidity	0 to 40°C/ 20 to 90% Non-Condensing Indoor Use Only					
Certifications						
Listing	UL					
CA Title 20 Compliant	Yes					No
CA Title 24 Compliant	No	Yes	No	Yes		

WALL SWITCH
Commercial Grade

Specifications	ODS06-ID	ODS10-ID	ODS10-I3	ODS10-IQ	MDS10-ID
Features					
Technology	Passive Infrared				
Mounting	Wall				
Coverage (SF)	2100				
Pattern	60°-180°				
Mounting Height	4'				
Adjustment	Manual				
Time Delay	30s-30m				
Voltage	120-230-277 VAC		347 VAC	120-230-277 VAC	
Wattage/VA	800/1500		3470	1800/4000	
Occupancy or Vacancy	Occupancy			Vacancy	Occupancy
Auto or Manual	Both			Auto	Both
Ambient Light Override	Yes				
Other	Single Pole, Multi-Location; Select Models Feature Auto-ON/Auto-OFF Only (ODS10-IQ), Self-Adaptive (MDS10, ODS15, MDS15, ODS0D), or Lev-Lok (MDS10, MDS15) Technology				
Mechanical					
Switching Technology	Relay				
Neutral Required	No				
Ground Required	Yes				
Power Pack	External Power Pack Not Required				
Consumption	100-250mW				
Photocell	Internal				
HVAC Relay	Not Applicable				
Environmental Operating Temperature/Humidity	0 to 40°C/ 0 to 95% Non-Condensing Indoor Use Only		0 to 50°C/ 20 to 90% Non-Condensing Indoor Use Only		
Photocell	Internal				
Certifications					
Listing	UL		cUL	UL	
CA Title 20 Compliant	Yes		No	Yes	
CA Title 24 Compliant	Yes		No	Yes	

WALL SWITCH
Commercial Grade

Specifications	ODS15-ID	ODS15-TD	MDS15-ID	ODS0D-ID	OSSNL-ID	OSS10-IN
Features						
Technology	Passive Infrared					
Mounting	Wall					
Coverage (SF)	2100					
Pattern	60°-180°					
Mounting Height	4'					
Adjustment	Self-Adjusting				Manual	
Time Delay	30s-20m or 5m-30m				30s-2h	30s-30m
Voltage	120-230-277 VAC					
Wattage/VA	1800/400			800/2700	1200/2700	
Occupancy or Vacancy	Vacancy		Occupancy			Vacancy
Auto or Manual	Manual		Both			Manual
Ambient Light Override	Yes					No
Other	Single Pole, Multi-Location; Select Models Feature Auto-ON/Auto-OFF Only (ODS10-IQ), Self-Adaptive (MDS10, ODS15, MDS15, ODS0D), or Lev-Lok (MDS10, MDS15) Technology		Single Pole, Multi-Location, Lev-Lok	Dual Relay, Self-Adaptive	Single Pole, Multi-Location, LED Night Light	
Mechanical						
Switching Technology	Relay					
Neutral Required	No					
Ground Required	Yes					
Power Pack	External Power Pack Not Required					
Consumption	120-280mW			110-270mW	190-410mW	
Photocell	Internal					None
HVAC Relay	Not Applicable					
Environmental Operating Temperature/Humidity	0 to 40°C/ 0 to 95% Non-Condensing Indoor Use Only				0 to 50°C/ 20 to 90% Non-Condensing Indoor Use Only	
Photocell	Internal					None
Certifications						
Listing	UL					
CA Title 20 Compliant	Yes					
CA Title 24 Compliant	Yes					

WALL SWITCH
Commercial Grade

Specifications	OSSMT-MD	OSSMT-GD	OSSMT-M3	OSSMT-MQ	OSSMT-GQ	OSSMT-TM
Features						
Technology	Multi-Technology					
Mounting	Wall					
Coverage (SF)	2400					
Pattern	60°-180°					
Mounting Height	4'					
Adjustment	Self-Adjusting					
Time Delay	30s-30m					
Voltage	120-230-277 VAC		347 VAC	120-230-277 VAC		
Wattage/VA	800/2700			1200/2700		
Occupancy or Vacancy	Occupancy					Vacancy
Auto or Manual	Both			Auto		Manual
Ambient Light Override	Yes					
Other	Single Pole, Multi-Location; Select Models Feature No Neutral (OSSMT-GT, OSSMT-GQ, MSSMT-GD, OSSMD-GD), Auto-ON/Auto-OFF Only (OSSMT-MQ, OSSMT-GQ), or Lev-Lok (MSSMT) Technology					
Mechanical						
Switching Technology	Relay					
Neutral Required	Yes	No	Yes		No	Yes
Ground Required	Yes					
Power Pack	External Power Pack Not Required					
Consumption	190-480mW	190-480mW	350-500mW	190-480mW	70-340mW	190-480mW
Photocell	Internal					
HVAC Relay	Not Applicable					
Environmental Operating Temperature/ Humidity	0 to 40°C/ 20 to 90% Non-Condensing Indoor Use Only					
Photocell	Internal					
Certifications						
Listing	UL	ETL	CETL	UL	ETL	UL
CA Title 20 Compliant	Yes					
CA Title 24 Compliant	Yes					

Specifications	OSSMT-GT	MSSMT-GD	OSSMD-MD	OSSMD-GD
Features				
Technology	Multi-Technology			
Mounting	Wall			
Coverage (SF)	2400			
Pattern	60°-180°			
Mounting Height	4'			
Adjustment	Self-Adjusting			
Time Delay	30s-30m			
Voltage	120-230-277 VAC			
Wattage/VA	1200/2700		Primary Relay: 1200/2700, Secondary Relay: 800/1200	
Occupancy or Vacancy	Vacancy	Occupancy		
Auto or Manual	Manual	Both		
Ambient Light Override	Yes			
Other	Single Pole, Multi-Location, No Neutral Required, Lev-Lok (MSSMT)		Single Pole, Multi-Location, Dual Relay, No Neutral Required (OSSMD-GD)	
Mechanical				
Switching Technology	Relay			
Neutral Required	No		Yes	No
Ground Required	Yes			
Power Pack	External Power Pack Not Required			
Consumption	70-340mW		210-410mW	140-360mW
Photocell	Internal			
HVAC Relay	Not Applicable			
Environmental Operating Temperature/ Humidity	0 to 40°C/ 20 to 90% Non-Condensing Indoor Use Only			
Photocell	Internal			
Certifications				
Listing	ETL			
CA Title 20 Compliant	Yes			
CA Title 24 Compliant	Yes			

LINE VOLTAGE
Commercial Grade

Specifications	ODC04-IDW ODC15-IDW	O3C15-IDW	O2C04-IDW O2C15-IDW	O4C15-IDW
Features				
Technology	Passive Infrared			
Mounting	Ceiling			
Coverage (SF)	450; 1500	1500	450; 1500	1500
Pattern	360°			
Mounting Height	8'-12'			
Adjustment	Self Adjusting			
Time Delay	30s -30m			
Voltage	120-220/277 VAC, 50/60Hz			
Wattage/VA	800W/VA			
Occupancy or Vacancy	Occupancy	Vacancy	Occupancy	Vacancy
Auto or Manual	Both	Manual	Both	Manual
Ambient Light Override	Yes			
Other	Open/Closed Loop Daylight Harvesting with Manual/AutoCal Configuration; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface	Momentary or Maintained Manual Switch Input; BMS/Emergency Interface	Dual Relay; Open/Closed Loop Daylight Harvesting with Manual/AutoCal Configuration; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface	Dual Relay; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface
Mechanical				
Switching Technology	Zero Cross			
Neutral Required	Yes			
Ground Required	No			
Power Pack	Not Required			
Consumption	60-30ma			
Photocell	AutoCal	No	Internal	No
HVAC Relay	Not Applicable			
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 90% Non-Condensing Indoor Use Only			
Certifications				
Listing	UL			
CA Title 20 Compliant	Yes			
CA Title 24 Compliant	Yes			

LINE VOLTAGE
Commercial Grade

Specifications	ODC05-UDW ODC10-UDW ODC20-UDW	O2C05-UDW O2C10-UDW O2C20-UDW	ODC05-MDW ODC10-MDW ODC20-MDW	O3C10-MDW O3C20-MDW	O2C05-MDW O2C10-MDW O2C20-MDW	O4C10-MDW O4C20-MDW
Features						
Technology	Ultrasonic		Multi-Technology		Multi-Technology	
Mounting	Ceiling					
Coverage (SF)	500; 1000; 2000		1000; 2000		500; 1000; 2000	1000; 2000
Pattern	360°					
Mounting Height	8'-12'					
Adjustment	Self-Adjusting					
Time Delay	30s-30m					
Voltage	120-220/277 VAC, 50/60Hz					
Wattage/VA	800W/VA					
Occupancy or Vacancy	Occupancy		Vacancy		Occupancy	Vacancy
Auto or Manual	Both		Manual		Both	Manual
Ambient Light Override	Yes					
Other	Open/Closed Loop Daylight Harvesting with Manual/AutoCal Configuration; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface		Momentary or Maintained Manual Switch Input; BMS/ Emergency Interface		Dual Relay; Open/Closed Loop Daylight Harvesting with Manual/AutoCal Configuration; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface	Dual Relay; Momentary or Maintained Manual Switch Input; BMS/ Emergency Interface
Mechanical						
Switching Technology	Zero Cross					
Neutral Required	Yes					
Ground Required	No					
Power Pack	Not Required					
Consumption	60-30mA					
Photocell	AutoCal		No		Internal	No
HVAC Relay	Not Applicable					
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 90% Non-Condensing Indoor Use Only					
Certifications						
LIsting	UL					
CA Title 20 Compliant	Yes					
CA Title 24 Compliant	Yes					

LINE VOLTAGE
Commercial Grade

Specifications	ODC0S-I1W ODC0S-I2W ODC0S-I7W	ODWWV-IDW	ODWHB-IDW	ODWLR-IDW	ODW12-MDW
Features					
Technology	Passive Infrared				Multi-Technology
Mounting	Ceiling	Wall, Corner or Ceiling			
Coverage (SF)	530	2500	55x7	100	1200
Pattern	360°		8°	110° @ 10ft high	110°
Mounting Height	8'-15'	8'-12'	10'-30'	8'-10'	
Adjustment	Manual				
Time Delay	20s-15m				
Voltage	120-220/277 VAC; 60Hz; 50Hz; 60Hz				
Wattage/VA	1000VA; 500VA; 2700VA				
Occupancy or Vacancy	Occupancy	Vacancy			Occupancy
Auto or Manual	Auto	Manual			Both
Ambient Light Override	Yes				
Other	Self-Contained	Wide View, Includes Power Base	High Bay, Includes Power Base	Long Range, Includes Power Base	Multi-Use, Includes Power Base
Mechanical					
Switching Technology	Relay	Zero Cross			Relay
Neutral Required	Yes				
Ground Required	No				
Power Pack	Not Required				
Consumption	4W	60-30ma			0.7W-2.34W
Photocell	Internal	No			20-3000 Lux Adjustable
HVAC Relay	Not Applicable				
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 95% Non-Condensing, Indoor Use Only				
Certifications					
Listing	UL				
CA Title 20 Compliant	No	Yes			
CA Title 24 Compliant	Yes	Yes			

LINE VOLTAGE
Commercial Grade

Specifications	OSFHP	OSFHD	OSFHS	OSF10-I0W OSF10-IUW
Features				
Technology	Passive Infrared			
Mounting	Fixture			
Coverage (SF)	400-1600			6x10
Pattern	360° & Aisle Ways			360°
Mounting Height	Up to 40'			Up to 8'
Adjustment	Manual			
Time Delay	30s-30m			
Voltage	120-230-277-347/480 VAC, 50/60Hz		120-230-277-347V 50/60 Hz	120-277 VAC, 50/60Hz
Wattage/VA	800W/VA			
Occupancy or Vacancy	Occupancy			
Auto or Manual	Auto			
Ambient Light Override	No	Yes	No	
Other	Includes 2 Lenses for High Bay & Low Bay; Select Models Feature Integrated Light Sensor, Alternating Relay, Dual Relay, Cold Storage Technology and Triple Mount Options			38" Leads
Mechanical				
Switching Technology	Zero Cross			
Neutral Required	Yes			
Ground Required	No			
Power Pack	Not Required			
Consumption	60-30ma			
Photocell	No	20-3000 Lux Adjustable	No	
HVAC Relay	Not Applicable			
Environmental Operating Temperature/ Humidity	-10 to 71℃/ 20 to 90% Non-Condensing Indoor Use Only		0 to 71℃/ 10 to 90% Non-Condensing Indoor Use Only	0 to 5℃/ 20 to 95% Non-Condensing Indoor Use Only
Certifications				
Listing	UL			
CA Title 20 Compliant	Yes			
CA Title 24 Compliant	Yes			

LOW VOLTAGE
Commercial Grade

Specifications	OSC04-I0W	OSC04-RIW	OSC15-I0W	OSC15-RIW
Features				
Technology	Passive Infrared			
Mounting	Ceiling			
Coverage (SF)	450		1500	
Pattern	360°			
Mounting Height	8'-10'	8'-12' or 12'-20'	8'-10'	8'-12' or 12'-20'
Adjustment	Self-Adjusting, Self-Calibrating			
Time Delay	30s-30m			
Voltage	Use with OPP20 Power Pack			
Wattage/VA	Unlimited Through Use of Power Packs and Add-A-Relays			
Occupancy or Vacancy	Occupancy			
Auto or Manual	Auto			
Ambient Light Override	Yes	No	Yes	No
Other	Low Profile, Custom White Color for Shaded Spaces, -R Models Feature Isolated Relay			
Mechanical				
Switching Technology	Relay			
Neutral Required	Yes			
Ground Required	Yes			
Power Pack	24VDC Required			
Consumption	DC: 10mA	AC: 30mA DC: 15mA	DC: 10mA	AC: 30mA DC: 15mA
Photocell	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None
HVAC Relay	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 95% Non-Condensing Indoor Use Only			
Certifications				
Listing	UL			
CA Title 20 Compliant	No			
CA Title 20 Compliant	Yes			

LOW VOLTAGE
Commercial Grade

Specifications	OSC05-U0W	OSC05-RUW	OSC10-U0W	OSC10-RUW	OSC20-U0W	OSC20-RUW
Features						
Technology	Ultrasonic					
Mounting	Ceiling					
Coverage (SF)	500		1000		2000	
Pattern	180°		360°			
Mounting Height	8'-12'	8'-20'	8'-12'	8'-20'	8'-12'	8'-20'
Adjustment	Self-Adjusting, Self-Calibrating					
Time Delay	30s-30m					
Voltage	Use with OPP20 Power Pack					
Wattage/VA	Unlimited Through Use of Power Packs and Add-A-Relays					
Occupancy or Vacancy	Occupancy					
Auto or Manual	Auto					
Ambient Light Override	Yes	No	Yes	No	Yes	No
Other	Low Profile, Custom White Color for Shaded Spaces, -R Models Feature Isolated Relay					
Mechanical						
Switching Technology	Relay					
Neutral Required	Yes					
Ground Required	Yes					
Power Pack	24VDC Required					
Consumption	25mA	AC: 45mA DC: 25mA	35mA	AC: 50mA DC: 30mA	30mA	AC: 50mA DC: 30mA
Photocell	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None
HVAC Relay	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0% to 95% Non-Condensing Indoor Use Only					
Certifications						
UL	Yes					
CA Title 20 Compliant	No					
CA Title 24 Compliant	Yes					

LOW VOLTAGE
Commercial Grade

Specifications	OSC05-M0W	OSC05-RMW	OSC10-M0W	OSC10-RMW	OSC20-M0W	OSC20-RMW
Features						
Technology	Multi-Technology					
Mounting	Ceiling					
Coverage (SF)	500		1000		2000	
Pattern	180°		360°			
Mounting Height	8'-12'	8'-12' or 12'-20'	8'-12'	8'-12' or 12'-20'	8'-12'	8'-12' or 12'-20'
Adjustment	Self-Adjusting, Self-Calibrating					
Time Delay	30s-30m					
Voltage	Use with OPP20 Power Pack					
Wattage/VA	Unlimited Through Use of Power Packs and Add-A-Relays					
Occupancy or Vacancy	Occupancy					
Auto or Manual	Auto					
Ambient Light Override	Yes	No	Yes	No	Yes	No
Other	Low Profile, Custom White Color for Shaded Spaces, -R Models Feature Isolated Relay					
Mechanical						
Switching Technology	Relay					
Neutral Required	Yes					
Ground Required	Yes					
Power Pack	24VDC Required					
Consumption	DC: 25mA	AC: 45mA DC: 25mA	DC: 35mA	AC: 50mA DC: 30mA	DC: 35mA	AC: 50mA DC: 30mA
Photocell	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None
HVAC Relay	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included
Environmental Operating Temperature/ Humidity	0° to 40°C/ 0% to 95% Non-Condensing, Indoor Use Only					
Certifications						
Listing	UL					
CA Title 20 Compliant	No					
CA Title 24 Compliant	Yes					

LOW VOLTAGE
Commercial Grade

Specifications	OSWWV-I0W	OSWWV-RIW	OSWHB-I0W	OSWHB-RIW	OSWLR-I0W	OSWLR-RIW	OSW12-M0W	OSW12-RMW
Features								
Technology	Passive Infrared						Multi-Technology	
Mounting	Wall, Corner or Ceiling							
Coverage (SF)	2500		55x7		100x33.2		1200	
Pattern	110°		8°		27°-180°		110°	
Mounting Height	8'-10'		10'-30'		8'-10'			
Adjustment	Self-Adjusting, Self-Calibrating							
Time Delay	30s-30m							
Voltage	Use with OPP20 Power Pack							
Wattage/VA	Unlimited Through Use of Power Packs and Add-A-Relays							
Occupancy or Vacancy	Occupancy							
Auto or Manual	Auto							
Ambient Light Override	Yes	No	Yes	No	Yes	No	Yes	No
Other	Wide View, -R Models Feature Isolated Relay		High Bay, -R Models Feature Isolated Relay		Long Range, -R Models Feature Isolated Relay		Multi-Use, -R Models Feature Isolated Relay	
Mechanical								
Switching Technology	Relay							
Neutral Required	Yes							
Ground Required								
Power Pack	24VDC Required							
Consumption	DC: 15mA	AC:30mA DC: 15mA	DC: 15mA	AC:30mA DC: 15mA	DC: 15mA	AC:30mA DC: 15mA	DC: 25mA	AC: 45mA DC: 24mA
Photocell	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None
HVAC Relay	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 95% Non-Condensing Indoor Use Only							
Certifications								
Listing	UL							
CA Title 20 Compliant	No							
CA Title 20 Compliant	Yes							

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